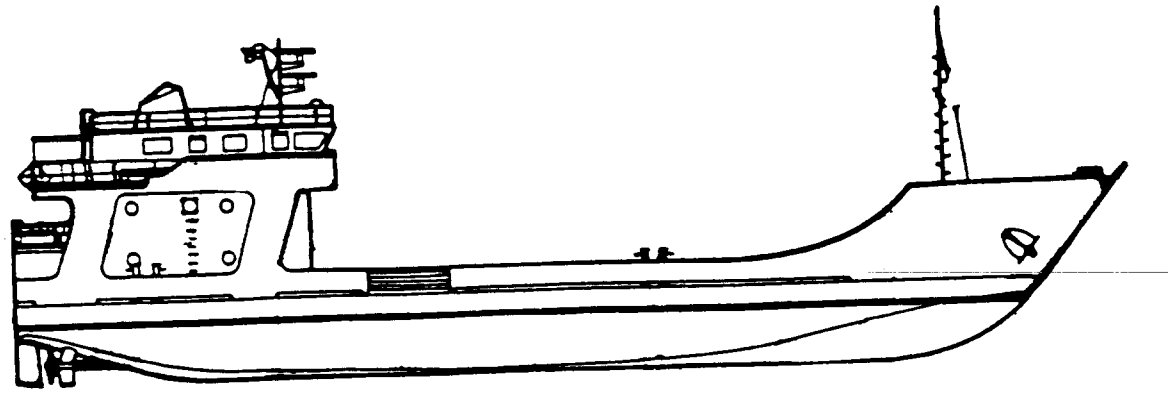
LCU



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Landing Craft Utility (LCU), 1600 Class
SSN:	B04500
LIN:	L36876
NSN:	1905-00-168-5764
AMIM NO:	S291
EIC:	WAA
FUEL TYPE:	JP-8

SYSTEM DESCRIPTION

The 1600 Class Landing Craft Utility (LCU) is capable of carrying 170 tons of cargo or 350 troops in military landing operations. The LCU is powered by four Detroit diesel engines, Model 6-71, turning two screws and generating 696 sustained horsepower. The LCU has a top speed of 11 knots (kts) and is capable of traveling 1200 nautical miles at 8 knots.

The list below identifies components associated with the weapon/materiel system. This is an all inclusive list of LINs.

LCU

LIN	NSN	NOMENCLATURE
P38588	6130-00-985-7899	POWER SUPPLY: PP-2953/U

SYSTEM VARIANTS

MDS	LIN	NSN
LCU	L36876	1905-01-009-1056

This summary provides an overview of FY 95 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

LCU
FY 95 TOTAL ARMY COST SUMMARY
(FY 95 Constant Dollars)

DENSITY

NUMBER OF SYSTEMS	11

DEPOT END ITEM MAINTENANCE (5.061)

OMA TOTAL	$0
QUANTITY COMPLETED	0
AVG COST/END ITEM	$0.00
PROC (MODIFICATIONS)	$0

CLASS III-POL (5.05)

NOT AVAILABLE

DEPOT SECONDARY ITEM MAINTENANCE

DBOF TOTAL	$0
QUANTITY COMPLETED	0
AVG COST/SECONDARY ITEM	$0.00

CLASS V-AMMUNITION (2.11)

NOT APPLICABLE

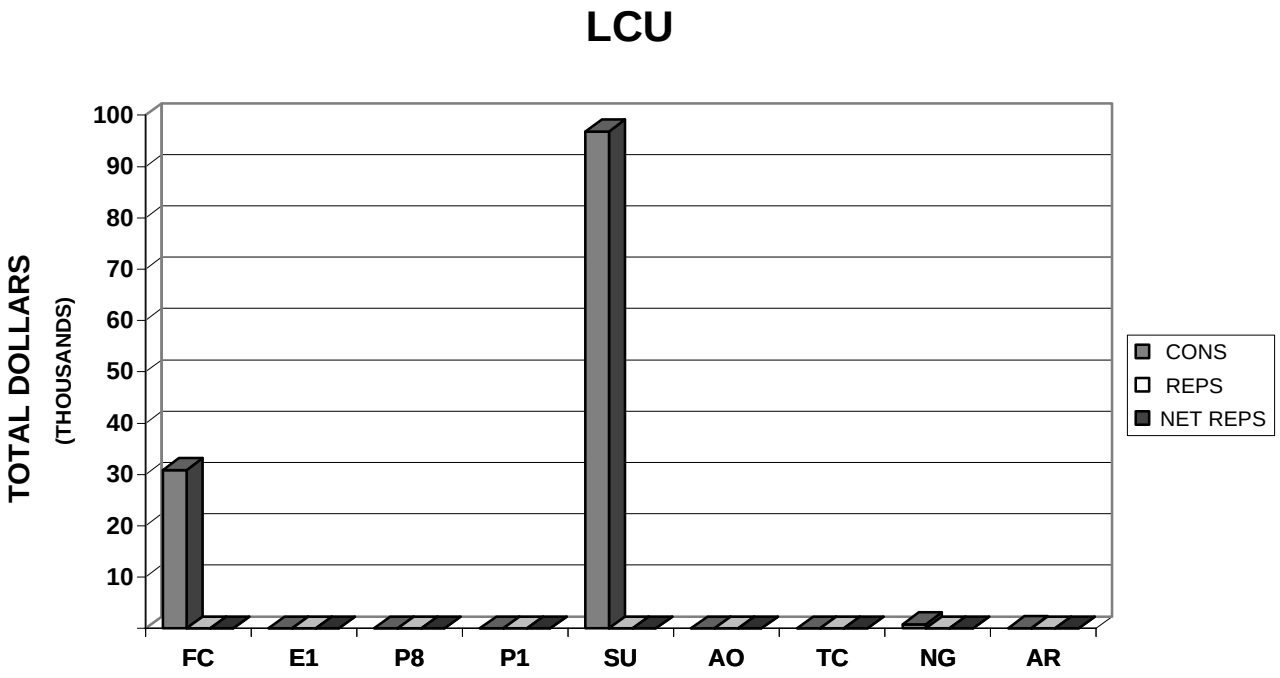
INTERMEDIATE MAINTENANCE

	DS/GS	CIVILIAN
MIL/CIV LABOR COST	$9,356	$0
AVG COST/SYSTEM	$850.55	$0.00
MAINTENANCE MANHOURS	551	0
MMHs/SYSTEM	50.09	0.00

CLASS IX MATERIEL-PARTS (5.04/5.03)

	FY 95 DOLLARS	AVG COST PER SYSTEM
CONSUMABLES	$128,577	$11,688.82
NET REPARABLES	$0	$0.00
NET TOTAL COSTS	$128,577	$11,688.82

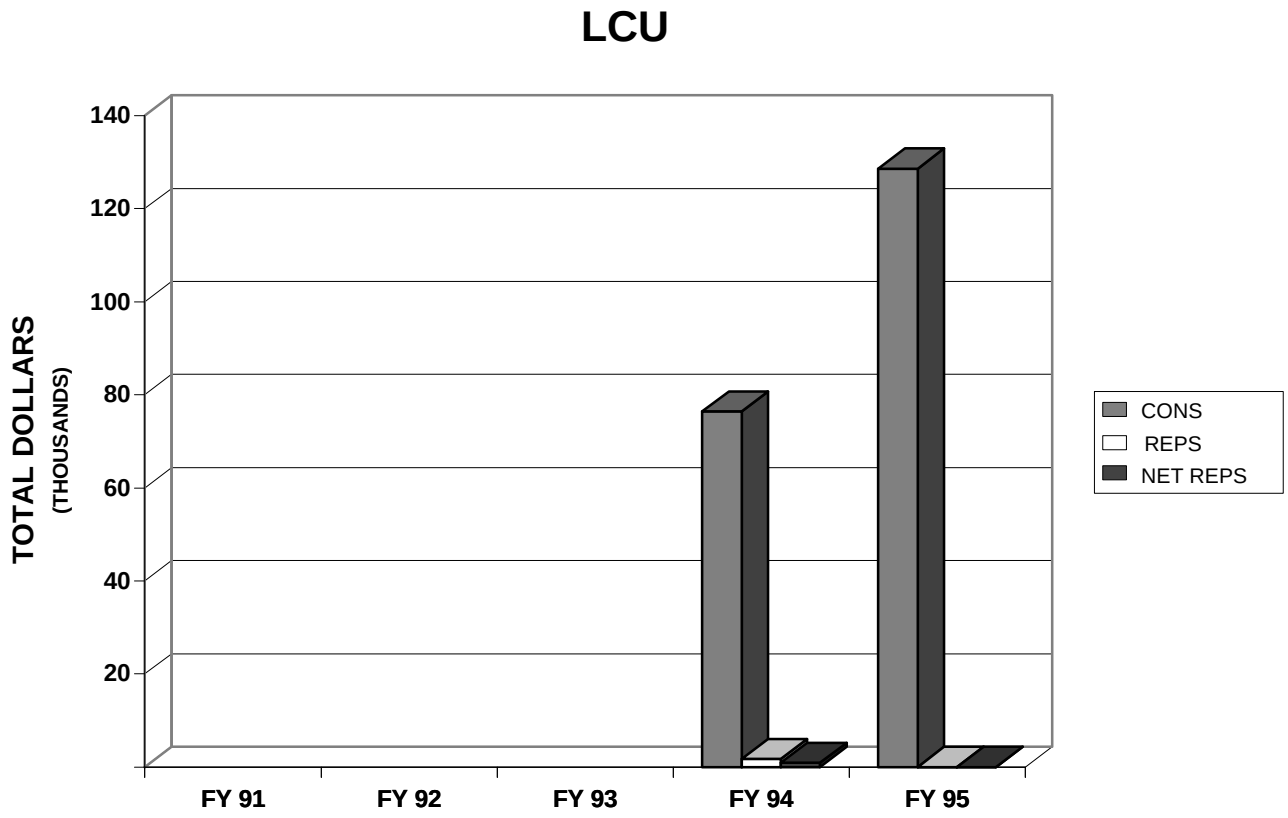
The following graph and table display FY 95 Class IX costs for consumables (CONS), reparables, (REPS), and net reparables (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.



LCU
FY 95 MACOM CLASS IX COSTS

MACOM CODE	MACOM NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
FC	FORSCOM	30,914	0	0	30,914	2	15,457
E1	USAREUR	0	0	0	0	0	0
P8	EUSA	0	0	0	0	0	0
P1	USARPAC	0	0	0	0	0	0
SU	USARSO	96,795	0	0	96,795	3	32,265
AO	USASOC	0	0	0	0	0	0
TC	TRADOC	0	0	0	0	0	0
NG	ARNG	779	0	0	779	1	779
AR	USAR	89	0	0	89	5	18
TA	TOTAL ARMY	128,577	0	0	128,577	11	11,689

The following graph and table display FY 91-95 Class IX costs for consumables (CONS), reparables (REPS) and net reparables (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.



LCU FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
FY 91						
FY 92						
FY 93						
FY 94	76,409	1,707	884	77,293	11	7,027
FY 95	128,577	0	0	128,577	11	11,689

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 95 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army.

LCU
FY 95 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	HULL/FRAME	22,629	0	0	22,629	11	2,057
02	SUSPENSION/STEER	238	0	0	238	11	22
03	PWR PKG/DRIVE TR	42,458	0	0	42,458	11	3,860
04	AUXILIARY AUTO	30,009	0	0	30,009	11	2,728
05	TURRET ASSEMBLY	0	0	0	0	0	0
06	FIRE CONTROL	0	0	0	0	0	0
07	ARMAMENT	0	0	0	0	0	0
08	BODY/CAB	0	0	0	0	0	0
09	AUTO LOADING	0	0	0	0	0	0
10	AUTO/REMOTE PILO	0	0	0	0	0	0
11	NBC EQUIPMENT	0	0	0	0	0	0
12	SPECIAL EQUIPMEN	0	0	0	0	0	0
13	NAVIGATION	0	0	0	0	0	0
14	COMMUNICATIONS	0	0	0	0	0	0
15	VEH APPS SOFTWAR	0	0	0	0	0	0
16	VEH SYST SOFTWAR	0	0	0	0	0	0
17	INTEG, ASSY, TES	0	0	0	0	0	0
18	OTHER	33,243	0	0	33,243	11	3,022
	TOTAL	128,577	0	0	128,577	11	11,689

The following table displays FY 91-95 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are the summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

LCU
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS	FY 95 NET TOTAL COSTS
01	HULL/FRAME				13,635	22,629
02	SUSPENSION/STEER				0	238
03	PWR PKG/DRIVE TR				35,033	42,458
04	AUXILIARY AUTO				20,646	30,009
05	TURRET ASSEMBLY				0	0
06	FIRE CONTROL				0	0
07	ARMAMENT				0	0
08	BODY/CAB				0	0
09	AUTO LOADING				0	0
10	AUTO/REMOTE PILO				0	0
11	NBC EQUIPMENT				0	0
12	SPECIAL EQUIPMEN				0	0
13	NAVIGATION				884	0
14	COMMUNICATIONS				0	0
15	VEH APPS SOFTWAR				0	0
16	VEH SYST SOFTWAR				0	0
17	INTEG, ASSY, TES				0	0
18	OTHER				7,095	33,243
	TOTAL				77,293	128,577
	NUM OF SYSTEMS				11	11
	AVG PER SYSTEM				7,027	11,689

LCU
CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 95 AMDF UNIT PRICE	FY 95 QTY	EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 94-95 TWO YEAR AVERAGE QTY	FY 94-95 TWO YEAR AVERAGE EXTENDED COST
1.	4210010407619	CYLINDER AND VALVE,	04B	Z		J2200	2,623.33	6.00	15,740	1,430.91	54.5455	5.00	13,117
2.	3020009327339	GEAR,DRIVE MOTIO	03H	Z		J2200	318.26	21.00	6,683	607.55	190.9091	11.25	3,580
3.	2010004993583	PLANET ASSEMBLY	03R	Z		J2200	1,588.64	4.00	6,355	577.73	36.3636	2.00	3,177
4.	5945002267740	RELAY,ELECTROMAG	04A	Z		Q2200	1,336.37	3.00	4,009	364.45	27.2727	1.50	2,005
5.	4320003508725	PUMP,ROTARY	18	Z		J2200	335.72	10.71	3,596	326.91	97.3636	6.95	2,333
6.	4720010712848	HOSE ASSEMBLY,ME	01A	Z		J2200	512.81	7.00	3,590	326.36	63.6364	6.00	3,077
7.	5330010730863	SEAL,HOUSING	01A	Z		T2200	3,174.08	1.00	3,174	288.55	9.0909	0.50	1,587
8.	5180006117945	TOOL SET,BLOWER,	18	Z		E2200	1,106.00	2.84	3,141	285.55	25.8182	1.42	1,571
9.	4320010700545	RING,WEARING	18	Z		J2200	916.01	3.00	2,748	249.82	27.2727	1.50	1,374
10.	2910001198494	SPRAY TIP,NOZZLE	03A	Z		J2200	14.28	189.72	2,709	246.27	1,724.7273	200.73	2,866
11.	2910009110078	PLUNGER,BUSHING	03A	Z		J2200	16.31	159.00	2,593	235.73	1,445.4545	105.50	1,721
12.	2040003778607	ANCHOR,MARINE,FLUKE	18	Z		T2200	2,264.02	1.00	2,264	205.82	9.0909	0.50	1,132
13.	2990006746962	STARTER,ENGINE,A	03A	Z		J2200	2,513.68	0.86	2,162	196.55	7.8182	0.43	1,081
14.	3040010192930	CYLINDER ASSEMBL	03K	H		J2200	1,049.35	2.00	2,099	190.82	18.1818	1.00	1,049
15.	4320011117898	IMPELLER,PUMP,CENTR	18	Z		J2200	1,033.84	2.00	2,068	188.00	18.1818	1.00	1,034
16.	5330006182020	GASKET AND PREFO	01A	Z		T2200	238.70	7.98	1,905	173.18	72.5455	6.33	1,510
17.	3110004010799	BEARING,ROLLER,T	01H	Z		T2200	358.87	5.00	1,794	163.09	45.4545	2.50	897
18.	4820011120663	VALVE,ROTARY,SEL	01A	H		J2100	595.30	3.00	1,786	162.36	27.2727	1.50	893
19.	2930003638198	CORE ASSY,FLUID	03G	F		J2100	848.85	2.00	1,698	154.36	18.1818	1.00	849
20.	6350000518411	HORN,ELECTRICAL	18	Z		J2200	549.29	3.00	1,648	149.82	27.2727	1.50	824
21.	2990010778304	GOVERNOR ASSEMBL	03A	Z		J2200	1,615.20	1.00	1,615	146.82	9.0909	4.00	6,461
22.	3010010404290	CLUTCH PEDESTAL	03J	H		J2100	477.83	3.00	1,433	130.27	27.2727	1.50	717
23.	2090010642626	WIPER,WINDOW,PEN	18	Z		J2200	1,308.39	1.00	1,308	118.91	9.0909	0.50	654
24.	2815013188531	CYLINDER SLEEVE	03A	Z		J2200	137.37	9.00	1,236	112.36	81.8182	7.09	973
25.	5330006502587	PACKING,PREFORME	01A	Z		T2200	170.24	7.00	1,192	108.36	63.6364	5.50	936
26.	4320012300752	IMPELLER,PUMP,CE	18	Z		J2200	1,168.57	1.00	1,169	106.27	9.0909	0.50	584
27.	2010011003591	SEALING RING,INF	03R	H		J2100	550.00	2.00	1,100	100.00	18.1818	1.00	550
28.	4210007760657	HOSE ASSEMBLY,NO	04B	Z		J2200	134.92	8.00	1,079	98.09	72.7273	7.00	944
29.	2910000896012	FILTER ELEMENT,F	03A	Z		J2200	7.67	139.00	1,066	96.91	1,263.6364	104.50	802
30.	6350002630588	DETECTOR,FLAME	18	Z		J2200	511.41	2.08	1,064	96.73	18.9091	1.04	532
31.	3020009385662	GEAR,REDUCTION	03H	Z		J2200	341.00	3.00	1,023	93.00	27.2727	2.75	938
32.	6105012071894	MOTOR,ALTERNATIN	04A	H		J2100	900.00	1.00	900	81.82	9.0909	0.50	450
33.	4320013256190	PUMP,CENTRIFUGAL	18	Z		J2100	448.00	2.00	896	81.45	18.1818	1.00	448
34.	4910002198392	REAMER FIXTURE,C	18	Z		J2200	522.60	1.70	888	80.73	15.4545	0.95	496
35.	2815001487896	BLOWER ASSEMBLY,	03A	F		J2100	435.46	2.00	871	79.18	18.1818	1.00	435
36.	4910007796163	FIXTURE,REAMING	18	Z		J2200	416.45	2.00	833	75.73	18.1818	1.14	473
37.	4320011275072	IMPELLER,PUMP,CE	18	Z		J2200	799.52	1.00	800	72.73	9.0909	1.00	800
38.	5315010406554	PIN SHEAVE	01A	Z		T2200	380.69	2.00	761	69.18	18.1818	1.50	571
39.	5340002777559	ANODEXCORROSION	01A	Z		T2200	27.11	28.00	759	69.00	254.5455	26.00	705
40.	4310010408904	PARTS KIT,COMPRE	18	Z		J2200	252.03	3.00	756	68.73	27.2727	2.50	630

NUMBER OF SYSTEMS 11

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

92,511	71.9%	TOP 40
36,066	28.1%	OTHERS
128,577		TOTAL

NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 95AMDF UNIT PRICE W/O CREDIT	FY 95AMDF UNIT PRICE W/CREDIT	FY 95 QTY	EXTENDED COST W/CREDIT (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT) PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 94-95 TWO YEAR AVERAGE QTY	FY 94-95 TWO YEAR AVERAGE EXTENDED COST (W/CREDIT)

NO DATA

NO DATA

The following table summarizes FY 95 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture.

LCU
FY 95 DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	0	0	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	0	0	0
OVERHEAD	0	0	0	0	0	0	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0
QTY COMPLETED	0	0	0	0	0	0	0
AVG COST	0	0	0	0	0	0	0

The table below summarizes FY 95 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM DS/GS LABOR HOURS by the Army Manpower Cost System (AMCOS) E-5 composite standard rate ($16.98). CIVILIAN LABOR COSTS are a summation from the source data.

LCU
FY 95 INTERMEDIATE MAINTENANCE COSTS

MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	0	0	0	0	0.00
USAREUR	0	0			
EUSA	0	0			
USARPAC	0	0			
USARSO	301	5,111			
USASOC	0	0			
TRADOC	0	0	0	0	0.00
ARNG	250	4,245			
USAR	0	0			
TOTAL ARMY	551	9,356	0	0	0.00

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 91-95 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 95 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

LCU
FIVE YEAR DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
CIVILIAN LABOR				0	0				0	0
MILITARY LABOR				0	0				0	0
MATERIEL				0	0				0	0
OVERHEAD				0	0				0	0
CONTRACT				0	0				0	0
OTHER				0	0				0	0
TOTAL				0	0				0	0
QTY COMPLETED				0	0				0	0
AVG COST				0	0				0	0

The table below summarizes FY 91-95 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance (CIV) are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 95 constant dollars. Civilian labor costs are a summation from the source data. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

LCU
FIVE YEAR INTERMEDIATE MAINTENANCE COSTS

MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENACE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
FORSCOM				0	0				0	0
USAREUR				0	0					
EUSA				0	0					
USARPAC				0	0					
USARSO				4,537	5,111					
USASOC				0	0					
TRADOC				0	0				0	0
ARNG				8,034	4,245					
USAR				0	0					
TOTAL ARMY				12,571	9,356				0	0
LABOR HRS				737	551				0	0
COST PER HR				17.06	16.98				0.00	0.00

The following list shows the FY 95 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the Master File Maintenance (MFM). AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 95 TOTAL COST TO REBUILD/OVERHAUL by the FY 95 QTY COMPLETED.

LCU
FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 95 TOTAL COST TO REBUILD/ OVERHAUL	FY 95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
NO DATA					

The following list shows the FY 95 Secondary Item Maintenance - Repairs Cost Drivers recorded in Master File Maintenance (MFM). AVG COST TO REPAIR is calculated by dividing the costs in FY 95 TOTAL COST TO REPAIR by the FY 95 QTY COMPLETED.

LCU
FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 95 TOTAL COST TO REPAIR	FY 95 QTY COMPLETED	AVG COST TO REPAIR
NO DATA					

The following list shows the FY 91-95 Secondary Item - Rebuild/Overhaul Cost Drivers recorded in MFM. These five year Cost Drivers were revised from the previous years' report. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 91-95 TOTAL COST TO REBUILD/OVERHAUL by the FY 91-95 QTY COMPLETED.

LCU
FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 91-95 TOTAL COST TO REBUILD/ OVERHAUL	FY 91-95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
NO DATA					

The following list shows the FY 91-95 Secondary Item - Repair Cost Drivers recorded in MFM. These five year cost drivers were revised from the previous years' report. The AVG COST TO REPAIR is calculated by dividing the costs in FY 91-95 TOTAL COST TO REPAIR by the FY 91-95 QTY COMPLETED.

LCU
FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS

NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 91-95 TOTAL COST TO REPAIR	FY 91-95 QTY COMPLETED	AVG COST TO REPAIR
NO DATA					

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